

Aleks Chionglo

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Education

University of Toronto

Honours B.Sc. Computer Science Major, Statistics Minor, Economics Minor, 3.0 GPA

Toronto

September 2019 - Present

Senator O'Connor College School

Honour Roll, 4.0 GPA

Toronto

September 2015 - June 2019

Technical Skills

Programming Languages Python, SQL, R, Java, C++, C, HTML/CSS, Javascript

Languages English (Native), French, Mandarin (Elementary)

Work Experience

Data Analyst Intern

CDL Rapid Screening Consortium

Toronto - Remote

May 2021 - December 2021

- Worked with SQL queries to find critical data points for company performance
- Used R to analyze and track data on meeting attendance and organization progress through the consortium
- Live queried data in meetings with 100+ organizations to help presenter with information on companies
- Worked as level 1 support for the Jira data upload portal support team

Program Monitor

University of Toronto Scarborough

Toronto

May 2023 - Present

- Used quick and timely decision making skills to accurate referee basketball games
- Used problem solving skills to de-escalate situations that arose during games
- Effectively communicated with participants during sports activities to encourage participation

Piano Teacher

Self Employed

Toronto

September 2019 - Present

- Created customized lesson plans to cater to student needs
- Develop strong working relationships with parents and students to meet student needs.
- Communicate with parents regarding upcoming events and student progress.

Projects

Pygame Sudoku Solver

Python

May 2023

- Created a GUI Sudoku interface using Python and the Pygame library
- Applied backtracking algorithm to solve any given valid input game

Brown Fat Case Study

R

April 2023

- Created statistical models to predict the existence and volume of brown fat in individuals with cancer
- Created graphs to analyze correlation and QQ Residual plots to improve model accuracy

NBA Analytics Project

R

March 2023

- Used various statistical tests in R to prove referee bias based on teams playing and location of any game
- Created accurate models to predict key statistics based on training data used from the 2020-2021 season

Course Website

HTML, CSS, Javascript, Python

March 2021

- Created a login functionality course website with different views for student, teaching assistant, and professor
- Created a grades editor page using SQL and Javascript for professors to post and edit student grades in an interactive manner